

IMAGINE



TECHYGUIDE

Follow Innovation!



IDEATE

3D

PRINTING



INNOVATE

WHAT YOU WILL GET?

1

16-32 Live Classes

2

Lifetime Access to Course ID

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Certificate

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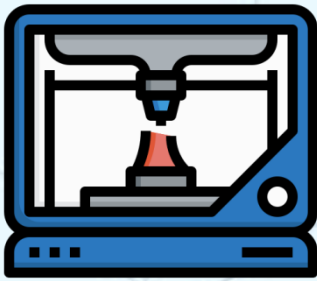
Assignment

5

5 3D Printed Sample

3D PRINTED
Eiffel Tower





3D STARTER

Getting Started With 3D Printing Technology

- 1 Introduction
- 2 Safety Precautions
- 3 Different Types and Process of 3d Printing
- 4 Architecture and Hardware Demonstration of 3D Printer
- 5 Materials used in 3D Printing
- 6 Buzz Words of 3D Printing
- 7 Applications of 3D Printing
- 8 Advantages of 3D Printing
- 9 Process the 3D model using slicing software
- 10 Design of 3D Model using designing software



3D STARTER ACTIVITIES



Air Spinner Activity



Balloon Boat Activity



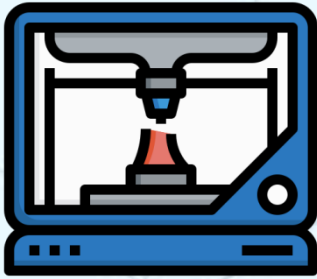
Catapult Activity



Lightweight Glider Activity



Robberband Car Activity

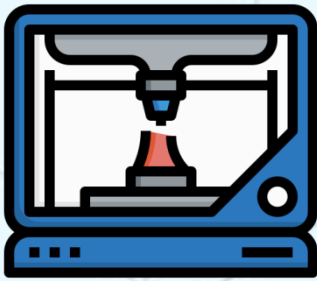


3D CHAMP

Getting Started With 3D Printing Technology

- 1 Introduction
- 2 Safety Precautions
- 3 Different Types and Process of 3d Printing
- 4 Architecture and Hardware Demonstration of 3D Printer
- 5 Additive v/s Conventional Manufacturing process
- 6 Materials used in 3D Printing
- 7 Buzz words of 3D printing
- 8 Applications Domains of 3D Printing





3D CHAMP

Getting Started With 3D Printing Technology

9 Advantages of 3D Printing

10 Process the 3D model using slicing software

11 Design of 3D model using advanced designing software

12 Common fault and troubleshooting



3D CHAMP ACTIVITIES



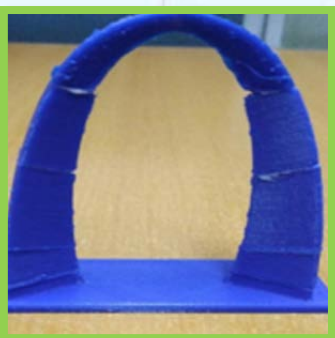
Atomic Force Microscope Model Activity



Bridge Building Activity



Five Screw Puzzles Activity



Gateway Arch Puzzle Activity



G-Clamp Activity

3D CHAMP ACTIVITIES



Ionic Bonding Model Activity



Jet Propulsion Balloon Rocket Car Activity



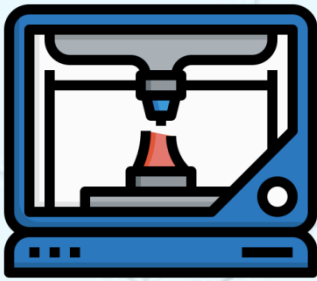
Optical Illusion Pinwheel Activity



Roberval Balance Activity



Spinning Top Orbital Series Activity

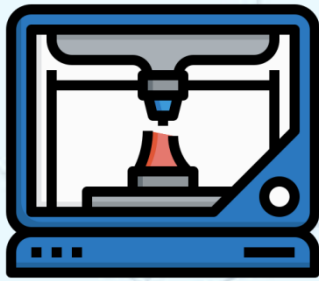


3D CHAMP PRO

Getting Started With 3D Printing Technology

- 1 Introduction
- 2 Safety Precautions
- 3 Different Types and Process of 3d Printing
- 4 Architecture and Hardware Demonstration of 3D Printer
- 5 Additive v/s Conventional Manufacturing process
- 6 Materials used in 3D Printing
- 7 Additive Manufacturing Techniques
- 8 Buzz words of 3D printing
- 9 Application Domains of 3D printing
- 10 Advantages of 3D Printing





3D CHAMP PRO

Getting Started With 3D Printing Technology

- 11** Process the 3D model using slicing software
- 12** Design of 3D model using different designing software's
- 13** Common fault and troubleshooting
- 14** Post Processing Techniques
- 15** Uses of 3D Pen



3D CHAMP PRO ACTIVITIES



Alpha Decay Model Activity



Archimedes Screw Activity



Atomic Orbital Collection Activity



Automatic Transmission Model Activity

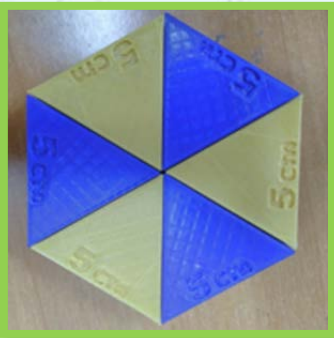


Center of Mass Lesson - Balancing Bird Activity

3D CHAMP PRO ACTIVITIES



DNA Model Activity



Finding the Area of a Hexagon Activity



Finger Wrench Digit Spanner Activity



Fingerdigger Activity



Modular Math Gear Activity

3D CHAMP PRO ACTIVITIES



• Molecular Construction Kit Activity



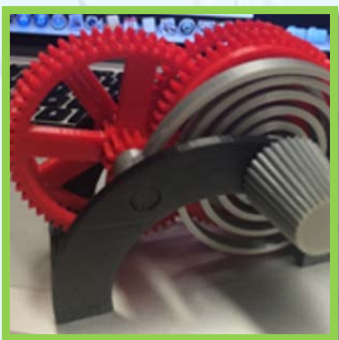
• Molecules and Compounds Activity



• Oriceps-Origami Inspired Forceps Activity



• Self Watering Planter Activity



• Spring Motor Mechanism Activity

REACH US

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